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IN - MENG Y; SU S; WU M

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PN - CN1228480 A 19990915 DW200027 C22B3/12 001pp

PR - CN19980113812 19980305

XA - C2000-092480

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AB - CN1228480 NOVELTY - The intensified alkaline-leaching gold-extracting process for arsenic-containing sulfur-containing difficult-to-extract gold ore includes three large processes of pretreatment, floatation or sorting and cyanide leaching out.

- DETAILED DESCRIPTION - The pretreatment process is implemented by adopting the following steps: (1) intensified alkaline-leaching: whole process is implemented in tower type grinding-dipping machine, its alkaline-leaching agent is NaOH or CaO, its added quantity is 5-200 Kg/t ore, the air or oxygen-enriched air is introduced, grinding concentration is 40-60%, and the ore is superfine ground to 80%-20 micrometer at normal temp. (reaction self-exothermic temp.) and normal pressure; (2) stirring alkaline-leaching: the above-mentioned product is fed into stirring-leaching-out channel, pulp concentration is 15-50%, stirring linear velocity is 4-10 m/S, air is introduced and stirring time is 3-24 hr..

- (Dwg.0/0)

IW - REINFORCED ALKALINE LEACH GOLD EXTRACT TECHNOLOGY ARSENIC CONTAIN SULPHUR CONTAIN DIFFICULT EXTRACT GOLD ORE INTENSIFY ALKALINE LEACH TOWER GRIND DIP MACHINE INTRODUCING OXYGEN ENRICH AIR

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INW - MENG Y; SU S; WU M

NC - 001

OPD - 1998-03-05

ORD - 1999-09-15

PAW - (META-N) INST METALS RES CHINESE ACAD SCI

TI - Reinforced alkaline-leaching gold-extracting technology for arsenic-containing sulphur-containing difficult-to-extract gold ore - includes intensified alkaline leaching in tower grinding - dipping machine, introducing (oxygen enriched air, etc.